IN THE CLAIMS

Please amend the claims as follows.

1.   (Currently Amended) A computerized system for retrieving electronic content collected from an electronic address over time, the electronic content associated with an internetworked content provider, comprising:

a user interface in communication with a data warehouse storing copies of original electronic content as collected from an electronic address, the user interface soliciting a query from a user for desired content; and

a searchable electronic index of the electronic content stored in the data warehouse;

a query engine in communication with the electronic index;

a user interface in communication with the query engine for soliciting a query from a user for desired content; and

a query result presented to the user in response to the query and the electronic index, the query result including a copy of original content from the data warehouse matching the desired content and information related to a content provider associated with the original content.

2.   (Previously Presented)The system of Claim 1 wherein the query solicits desired content of at least one of a text string, or a multimedia target.

3.   (Original) The system of Claim 1 wherein the data warehouse is located remote from the user interface.

4.   (Original) The system of Claim 1 wherein the query result is not presented in real time.

5.   (Previously Presented)The system of Claim 1 wherein the user interface includes a search engine result identifying a Universal Resource Locator.

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6.   (Original) The system of Claim 5 wherein the Universal Resource Locator is responsive to the solicitation for a query.

7.   (Previously Presented)The system of Claim 1 wherein the query result includes a history of the electronic content over time.

8.   (Previously Presented)The system of Claim 1 wherein the query result includes a history of changes to the information over time.

9.   (Original) The system of Claim 8 wherein the changes include changes to an Internet domain name registration.

10.   (Original) The system of Claim 8 wherein the changes include changes to information stored at a specified address.

11.   (Original) The system of Claim 1 wherein the query results are responsive to a query specifying a trademark.

12.   (Original) The system of Claim 1 wherein the query results are responsive to a query specifying a work of authorship.

13.   (Currently Amended) A system for storing information for retrieval, comprising:

        a database storing data in an organized structure, the data associated with stored copies of electronic content collected from an electronic address over time, the electronic content associated with a content provider;

        a plurality of modules populating the database with data associated with electronic content stored at an electronic address; and

        a searchable electronic index of the electronic content stored in the database;

        a query engine in communication with the electronic index; and

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a query engine for retrieving the stored data based on a query parameter <u>and the</u> <u>electronic index.</u>

14. (Previously Presented)The system of Claim 13 further comprising an archive storing the copies of electronic content in perpetuity.

15. (Previously Presented)The system of Claim 14 wherein the database includes references to the stored copies of electronic content for retrieval from the archive.

16. (Previously Presented)The system of Claim 13 wherein the content provider includes a content provider selected from at least one of a domain name service registry and a web server.

17. (Previously Presented)The system of Claim 13 wherein the modules communicate with the electronic address over a public access computer network.

18. (Currently Amended) The system of Claim 13 further comprising an indexer, the indexer creating [[a]] <u>the</u> searchable <u>electronic</u> index of the stored copies of electronic content.

19. (Currently Amended) The system of Claim [[18]] <u>13</u> wherein the searchable <u>electronic</u> index includes multimedia data.

20. (Currently Amended) A computerized system for storage and retrieval of content from a plurality of Internet content providers, the content including registration content and page content, the system comprising:

a data warehouse structured to store content for later retrieval; and

a registration retrieval mechanism in communication with a plurality of Internet registries for retrieving registration content for a plurality of content providers and storing the retrieved content in the data warehouse[[.]]<u>; and</u>

<u>a searchable electronic index of the registration content stored in the database.</u>

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21.   (Original) The system of Claim 20 further comprising a page retrieval mechanism in communication with a content provider for retrieving page content from the content providers and storing the retrieved content in the data warehouse.

22.   (Original) The system of Claim 20 wherein the data warehouse includes a database structure for managing the stored content.

23.   (Cancelled)

24.   (Currently Amended) The system of Claim [[23]] 20 wherein the indexer is a multimedia indexer.

25.   (Currently Amended) The system of Claim [[23]] 20 further comprising a query engine coupled to the indexer for retrieving stored content.

26.   (Original) The system of Claim 25 wherein the query engine includes a program interface operable by a remote computer.

27.   (Original) A computerized system for archiving information from a plurality of internetworked web content providers, comprising:

    an identifier of a web content provider stored in a data warehouse;

    for the web content provider, information stored in the data warehouse including:

        a copy of registration data;

        a copy of source code for operating a web browser;

        a copy of a browser-rendered display generated by the source code files;

    and

    a database associating the web content provider with the stored information.

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28.   (Original) The system of Claim 27 wherein the identifier is a unique address of the web content provider.

29.   (Original) The system of Claim 28 wherein the unique address is a domain name derived from a domain name registry.

30.   (Original) The system of Claim 27 wherein the stored information is compressed.

31.   (Original) The system of Claim 27 wherein the stored information includes a copy of a multimedia file.

32.   (Original) The system of Claim 27 further comprising an indexer operating on the stored information.

33.   (Original) The system of Claim 32 wherein the indexer includes a digital signature engine operating on multimedia files.

34.   (Original) The system of Claim 27 further comprising a user interface for querying the data warehouse.

35.   (Original) The system of Claim 34 wherein the user interface is operable by a remote computer.

36.   (Original) The system of Claim 35 wherein the remote computer includes a search engine interface.

37.   (Original) The system of Claim 27 further comprising web robots to retrieve information from a remote content provider.

38.   (Original) The system of Claim 37 wherein the remote content provider is a registry storing the registration data.

39.   (Original) The system of Claim 37 wherein the remote content provider is the web content provider storing the source code.

40.   (Original) The system of Claim 27 further comprising a processing module to monitor changes to source code at the web content provider, based on the stored source code.

41.   (Original) The system of Claim 40 wherein the data warehouse stores a prior version and a current version of a changed source code file.

42.   (Original) The system of Claim 27 further comprising a processing module to monitor changes to registration data at a registration content provider based on the stored registration data.

43.   (Original) The system of Claim 42 wherein the data warehouse stores a prior version and a current version of changed registration data.

44.   (Original) The system of Claim 27 wherein the data warehouse includes an offline storage medium.

45.   (Original) The system of Claim 27 wherein the web content provider supports a protocol to facilitate the archival of information.

46.   (Currently Amended) A computerized system for archiving data from a plurality of distinct content providers, each content provider having associated with at least one publicly accessible file representing content bibliographical information, the bibliographical information being changeable over time, the system comprising:

        an identification for each content provider of a plurality of content providers; and

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a mechanism that stores, for each identified content provider, ~~the content of at least one publicly accessible file~~ each version of the bibliographical information in a data archive for later retrieval.

47.   (Original) The system of Claim 46 wherein the content providers are registered in a shared registry system.

48.   (Currently Amended) The system of Claim 47 wherein the ~~at least one publicly accessible file~~ stored bibliographical information includes registration data associated with the registry.

49.   (Original) The system of Claim 47 wherein the content provider is identified by a unique address.

50.   (Currently Amended) The system of Claim 46 wherein the mechanism includes a data compression algorithm to reduce the size of the ~~at least one file~~ bibliographical information before storing ~~the content~~ in the data archive.

51.   (Currently Amended) The system of Claim 46 further comprising a database structure associating each content provider with its stored ~~content~~ bibliographical information.

52.   (Currently Amended) The system of Claim 51 wherein the database structure tracks changes to the stored ~~content~~ bibliographical information over time.

53.   (Currently Amended) The system of Claim 46 wherein the stored ~~content~~ bibliographical information is maintainable in perpetuity.

54.   (Currently Amended) The system of Claim 46 further comprising an indexer for maintaining a searchable index of the stored ~~content~~ bibliographical information.

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55.   (Currently Amended) The system of Claim 54 wherein the stored ~~content~~ bibliographical information is multimedia content.

56.   (Currently Amended) The system of Claim 54 further comprising a query engine coupled to the indexer for processing queries against the stored ~~content~~ bibliographical information.

57.   (Original) The system of Claim 56 wherein the query engine includes a program interface operable by a remote computer.

58.   (Currently Amended) A ~~user interface~~ computerized system for monitoring intellectual property rights across a plurality of internetworked content providers, comprising:

        an identifier of a plurality of web content providers;
        for each of a plurality of content provider, seachable information stored in the data archive including:

                a copy of registration data associated with the content provider;
                a copy of a source code file for operating a web browser;
                a copy of a browser-rendered display generated by the source code file;
        a database associating web content providers with the stored information;
        a querying interface to the data archive to solicit information related to an intellectual property right; and
        a report responsive to the query information, the report including archived information associated at least one content provider.

59.   (Original) The user interface of Claim 58 wherein the solicited information is at least one of a trademark, a work of authorship, or an invention.

60.   (Original) The user interface of Claim 58 wherein the solicited information is entered as a file location.

61.   (Original) The user interface of Claim 60 wherein the file is at least one of a text file, an audio file, an image file, or a video file.

62.   (Original) The user interface of Claim 58 wherein the report includes archived information associated with a plurality of network registrars.

63.   (Original) The user interface of Claim 58 wherein the report includes archived information from a plurality of web content providers.

64.   (Original) The user interface of Claim 58 wherein the archived information includes obsolete information.

65.   (Currently Amended) A computerized method for retrieving electronic content collected from an electronic address over time, the electronic content associated with an internetworked content provider, comprising:

soliciting a query for desired content from a user through a user interface in communication with in a data warehouse, storing copies of original electronic content as collected from an electronic address; and

storing a searchable electronic index of the electronic content stored in the data warehouse;

providing a query engine in communication with the electronic index;

soliciting a query from a user for desired content through a user interface in communication with the query engine;

presenting a query result to the user in response to the query and the electronic index, the query result including a copy of original content from the data warehouse matching the desired content and information related to a content provider associated with the original content.

66.   (Previously Presented)The method of Claim 65 wherein soliciting comprises a query including desired content of at least one of a text string, or a multimedia target.

67.   (Original) The method of Claim 65 wherein the data warehouse is located remote from the user interface.

68.   (Original) The method of Claim 65 wherein presenting the query result is not performed in real time with the query.

69.   (Previously Presented)The method of Claim 65 wherein soliciting comprises identifying a Universal Resource Locator through a search engine result.

70.   (Original) The method of Claim 69 wherein the Universal Resource Locator is responsive to the solicitation for a query.

71.   (Previously Presented)The method of Claim 65 wherein the query result includes a history of the electronic content over time.

72.   (Previously Presented)The method of Claim 65 wherein the query result includes a history of changes to the information over time.

73.   (Original) The method of Claim 72 wherein the changes include changes to an Internet domain name registration.

74.   (Original) The method of Claim 72 wherein the changes include changes to information stored at a specified address.

75.   (Original) The method of Claim 65 wherein the query results are responsive to a query specifying a trademark.

76.   (Original) The method of Claim 65 wherein the query results are responsive to a query specifying a work of authorship.

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77.   (Currently Amended) A method for storing information for retrieval, comprising:

storing data in an organized structure in a database, the data associated with stored copies of electronic content collected from an electronic address over time, the electronic content associated with a content provider;

from a plurality of modules, populating the database with data associated with electronic content stored at an electronic address; ~~and~~

creating a searchable electronic index of the electronic content stored in the database;

providing a query engine in communication with the electronic index; and

retrieving the stored data based on a query parameter and the electronic index.

78.   (Previously Presented)The method of Claim 77 further comprising storing the copies of electronic content in an archive in perpetuity.

79.   (Previously Presented)The method of Claim 77 wherein the content provider includes a content provider selected from at least one of a domain name service registry and a web server.

80.   (Previously Presented)The method of Claim 77 wherein the modules communicate with the electronic address over a public access computer network.

81.   (Currently Amended) The method of Claim 77 further comprising an indexer, the indexer creating [[a]] the searchable electronic index of the stored copies of electronic content.

82.   (Currently Amended) A computerized method for storage and retrieval of content from a plurality of Internet content providers, the content including registration content and page content, the method comprising:

storing content for later retrieval in a data warehouse; and

retrieving registration content for a plurality of web content from a plurality of
Internet registries providers and storing the retrieved registration content in the data
warehouse[[.]]; and

creating a searchable electronic index of the registration content stored in the
database.

83.   (Original) The method of Claim 82 further comprising retrieving page content from the
web content providers and storing the retrieved page content in the data warehouse.

84.   (Currently Amended) The method of Claim 82 further comprising indexing the stored
content accessing the seachable electronic index using a query engine.

85.   (Original) A computerized method for archiving information from a plurality of
internetworked web content providers, comprising:

storing an identifier of a web content provider in a data warehouse;

for the web content provider, storing information in the data warehouse including:

a copy of registration data;

a copy of source code for operating a web browser;

a copy of a browser-rendered display generated by the source code files;
and

associating the web content provider with the stored information in a database.

86.   (Original) The method of Claim 85 wherein the identifier is a unique address of the web
content provider.

87.   (Original) The method of Claim 86 wherein the unique address is a domain name
derived from a domain name registry.

88.   (Original) The method of Claim 85 wherein the stored information is compressed.

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89.   (Original) The method of Claim 85 wherein the stored information includes a copy of a multimedia file.

90.   (Original) The method of Claim 85 further comprising operating on the stored information using an indexer.

91.   (Original) The method of Claim 90 wherein the indexer includes a digital signature engine operating on multimedia files.

92.   (Original) The method of Claim 85 further comprising for querying the data warehouse through a user interface.

93.   (Original) The method of Claim 92 wherein the user interface is operable by a remote computer.

94.   (Original) The method of Claim 93 wherein the remote computer includes a search engine interface.

95.   (Original) The method of Claim 85 further comprising operating web robots to retrieve information from a remote content provider.

96.   (Original) The method of Claim 95 wherein the remote content provider is a registry storing the registration data.

97.   (Original) The method of Claim 85 further comprising monitoring changes to source code at the web content provider, based on the stored source code.

98.   (Original) The method of Claim 85 further comprising monitoring changes to registration data at a registration content provider based on the stored registration data.

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99.   (Original) The method of Claim 85 wherein the data warehouse includes an offline storage medium.

100.   (Currently Amended) A computerized method for archiving data from a plurality of distinct content providers, each content provider having ~~associated with at least one publicly accessible file representing content~~ bibliographical information, the bibliographical information being changeable over time, the method comprising:

storing an identification for each content provider of a plurality of content providers; and

storing, for each identified content provider, ~~the content of at least one publicly accessible file~~ each version of the bibliographical information in a data archive for later retrieval.

101.   (Currently Amended) The method of Claim 100 wherein the ~~at least one publicly accessible file~~ bibliographical information includes registration data associated with a shared registry.

102.   (Currently Amended) The method of Claim 100 wherein storing the content comprises using a data compression algorithm to reduce the size of the ~~at least one file~~ bibliographical information before storing ~~the content~~ in the data archive.

103.   (Currently Amended) The method of Claim 100 further comprising tracking changes to the stored ~~content~~ bibliographical information over time.

104.   (Currently Amended) The method of Claim 100 wherein the stored ~~content~~ bibliographical information is maintainable in perpetuity.

105.   (Currently Amended) The method of Claim 100 further comprising maintaining a searchable index of the stored ~~content~~ bibliographical information.

106.   (Currently Amended) A method for monitoring intellectual property rights across a
plurality of internetworked content providers, comprising:

    providing an identifier of a plurality of web content providers;

    for each of a plurality of content provider, stroring seachable information in the
data archive, including:

        a copy of registration data associated with the content provider;

        a copy of a source code file for operating a web browser;

        a copy of a browser-rendered display generated by the source code file;

    a database associating web content providers with the stored information;

    soliciting information from the data archive related to an intellectual property
right; and

    presenting a report responsive to the query information, the report including
archived information associated at least one content provider.

107.   (Original) The method of Claim 106 wherein the solicited information is at least one of a
trademark, a work of authorship, or an invention.

108.   (Original) The method of Claim 106 wherein soliciting information comprises entering a
file location.

109.   (Original) The method of Claim 108 wherein the file is at least one of a text file, an
audio file, an image file, or a video file.

110.   (Original) The method of Claim 106 wherein the report includes archived information
associated with a plurality of network registrars.

111.   (Original) The method of Claim 106 wherein the report includes archived information
from a plurality of web content providers.

112.   (Original) The method of Claim 106 wherein the archived information includes obsolete information.

113.   (Currently Amended) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a method for retrieving electronic content collected from an electronic address over time, the electronic content associated with an internetworked content provider, comprising instructions for:

~~soliciting a query for desired content from a user through a user interface in communication with~~ in a data warehouse, storing copies of original electronic content as collected from an electronic address; ~~and~~

storing a searchable electronic index of the electronic content stored in the data warehouse;

providing a query engine in communication with the electronic index;

soliciting a query from a user for desired content through a user interface in communication with the query engine;

presenting a query result to the user in response to the query and the electronic index, the query result including a copy of original content from the data warehouse matching the desired content and information related to a content provider associated with the original content.

114.   (Currently Amended) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a method for storing information for retrieval, comprising instructions for:

storing data in an organized structure in a database, the data associated with stored copies of electronic content collected from an electronic address over time, the electronic content associated with a content provider;

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from a plurality of modules, populating the database with data associated
with electronic content stored at an electronic address; ~~and~~

<u>creating a searchable electronic index of the electronic content stored in</u>
<u>the database;</u>

<u>providing a query engine in communication with the electronic index; and</u>

retrieving the stored data based on a query parameter <u>and the electronic</u>
<u>index.</u>

115. (Currently Amended) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a
computerized method for storage and retrieval of content from a plurality of Internet
content providers, the content including registration content and page content, the method
comprising instructions for:

storing content for later retrieval in a data warehouse; and

retrieving registration content for a plurality of web content from a
plurality of Internet ~~registries~~ providers and storing the retrieved registration
content in the data warehouse[[.]]<u>; and</u>

<u>creating a searchable electronic index of the registration content stored in</u>
<u>the database.</u>

116. (Original) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a
computerized method for archiving information from a plurality of internetworked web
content providers, comprising instructions for:

storing an identifier of a web content provider in a data warehouse;

for the web content provider, storing information in the data warehouse
including:

a copy of registration data;

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a copy of source code for operating a web browser;

a copy of a browser-rendered display generated by the source code

files; and

associating the web content provider with the stored information in a

database.

117.   (Currently Amended) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a method

for archiving data from a plurality of distinct content providers, each content provider

having ~~associated with at least one publicly accessible file representing content~~

bibliographical information, the bibliographical information being changeable over time,

the method comprising instructions for:

storing an identification for each content provider of a plurality of content

providers; and

storing, for each identified content provider, ~~the content of at least one~~

~~publicly accessible file~~ each version of the bibliographical information in a data

archive for later retrieval.

118.   (Currently Amended) An article of manufacture, comprising:

a computer-usable medium; and

a set of computer instructions on the medium, the instructions including a method

for monitoring intellectual property rights across a plurality of internetworked content

providers, comprising instructions for:

providing an identifier of a plurality of web content providers;

for each of a plurality of content provider, stroring seachable information

in the data archive, including:

a copy of registration data associated with the content provider;

a copy of a source code file for operating a web browser;

a <u>copy of a browser-rendered display generated by the source code</u>

<u>file;</u>

<u>a database associating web content providers with the stored information;</u>

soliciting information <u>from the data archive</u> related to an intellectual

property right; and

presenting a report responsive to the query information, the report

including archived information associated at least one content provider.

119.   (Previously Presented) The system of Claim 1 further comprising a database for relating

the stored copies of original electronic content and the information related to a content

provider based on a time that the copies of original electronic content were collected from

the content providers.

120.   (Previously Presented) The system of Claim 13 wherein the database relates the stored

copies of electronic content with a time that the copies of electronic content were

collected from the content providers.

121.   (Previously Presented) The system of Claim 22 wherein the database structure relates the

stored registration content with a time that the registration content was collected for the

data warehouse.

122.   (Previously Presented) The system of Claim 27 wherein the database relates the stored

information with a time that the information was collected for the data warehouse.

123.   (Previously Presented) The system of Claim 51 wherein the database structure relates the

stored content with a time that the content was collected for the archive.